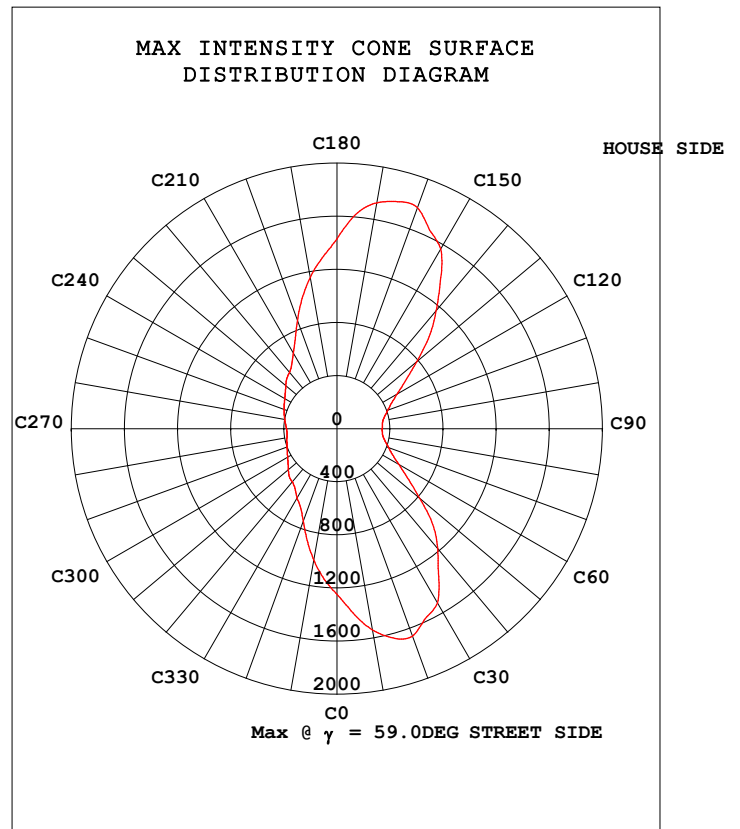
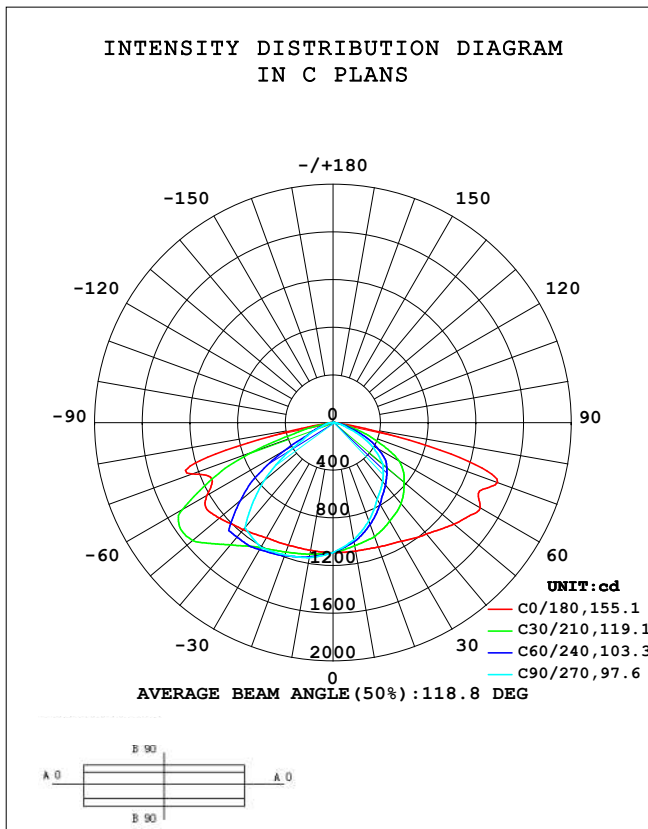


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.8V I:0.1176A P:25.43W PF:0.9793 Lamp Flux:4063.27x1 lm		
NAME: OPCITYIII-25W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 159.79 lm/W			
MODEL	LED	Imax (cd)	1773	$\eta$ street_up (%)	0.0
NOMINAL POWER (W)	25	LOR (%)	100.0	$\eta$ street_down (%)	50.0
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	4063	$\eta$ house_up (%)	0.0
NOMINAL FLUX (lm)	4063.27	MAXIMUM @ (C, $\gamma$ )	160,59.0	$\eta$ house_down (%)	50.0
LAMPS INSIDE	1	$\eta$ up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	$\eta$ down (%)	100.0	SLI	18.976



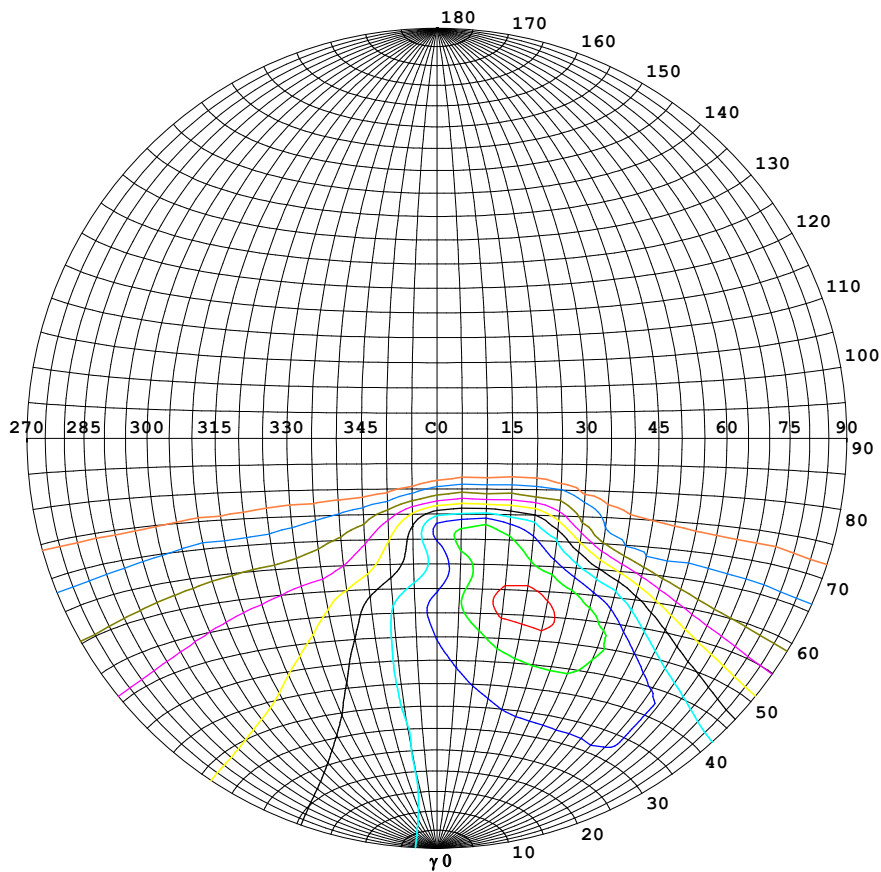
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-08-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.351  
Humidity:65.0%  
Test Distance:7.370m [K=1.0000]  
Remarks:

Note: SLI:Specific Luminaire Index

## STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.8V I:0.1176A P:25.43W PF:0.9793 Lamp Flux:4063.27x1 lm		
NAME: OPCITYIII-25W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:



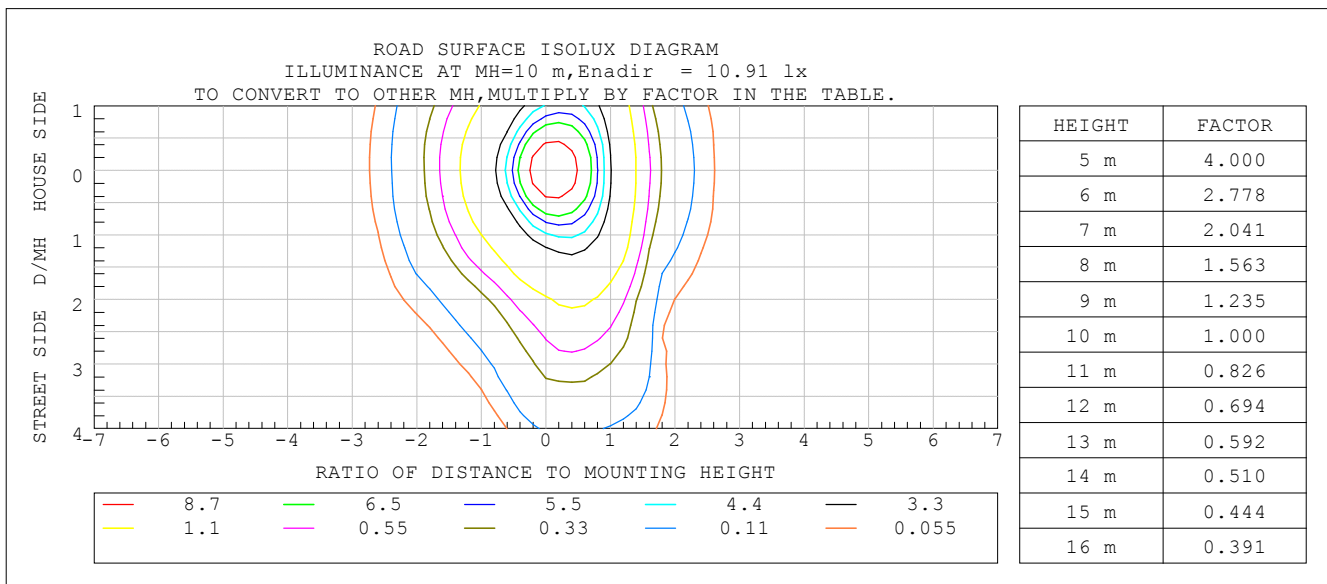
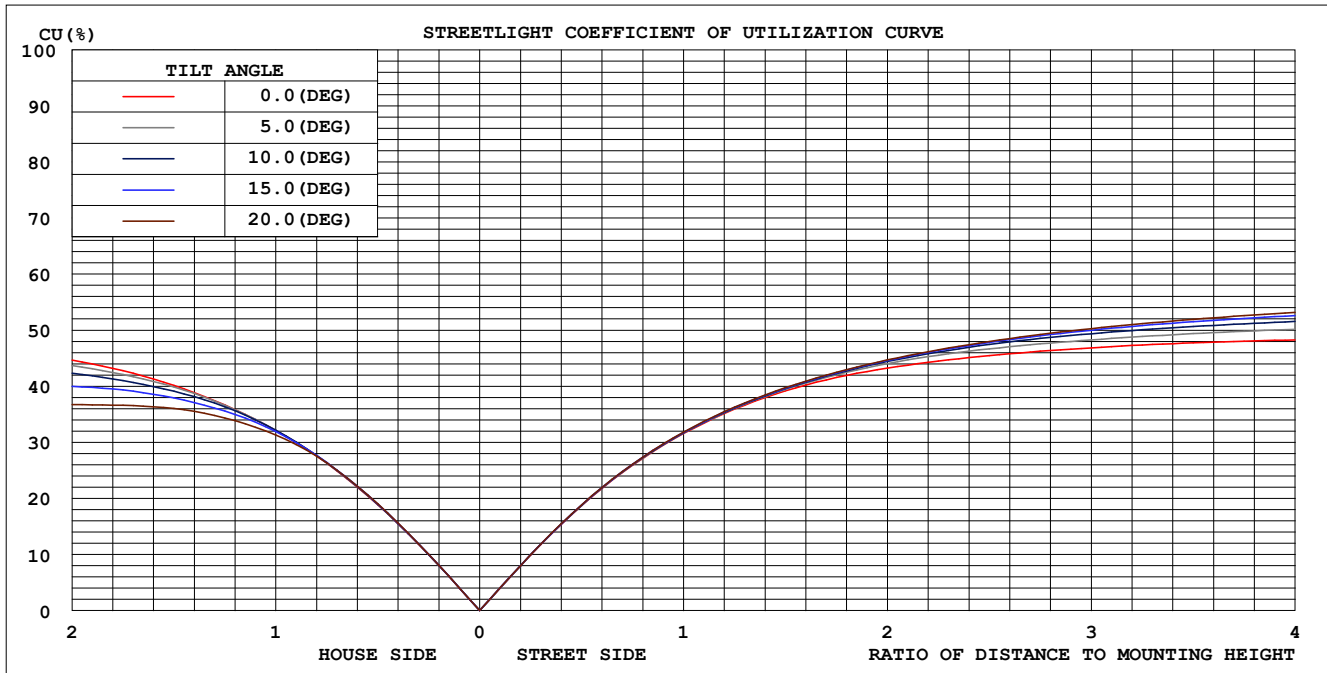
## Classification:

IES:Type IV - Short  
CIE:Broad - Short  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:68.69cd/klm  
Max.At90:3.935cd/klm  
Max.80-90:68.69cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	1773
90%	1596
80%	1419
70%	1241
60%	1064
50%	887
40%	709
30%	532
20%	355
10%	177
5%	89

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-08-22

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.351  
Humidity:65.0%  
Test Distance:7.370m [K=1.0000]  
Remarks:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2022-08-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.351  
Humidity: 65.0%  
Test Distance: 7.370m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

Test:U:220.8V I:0.1176A P:25.43W PF:0.9793 Lamp Flux:4063.27x1 lm		
NAME: OPCITYIII-25W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

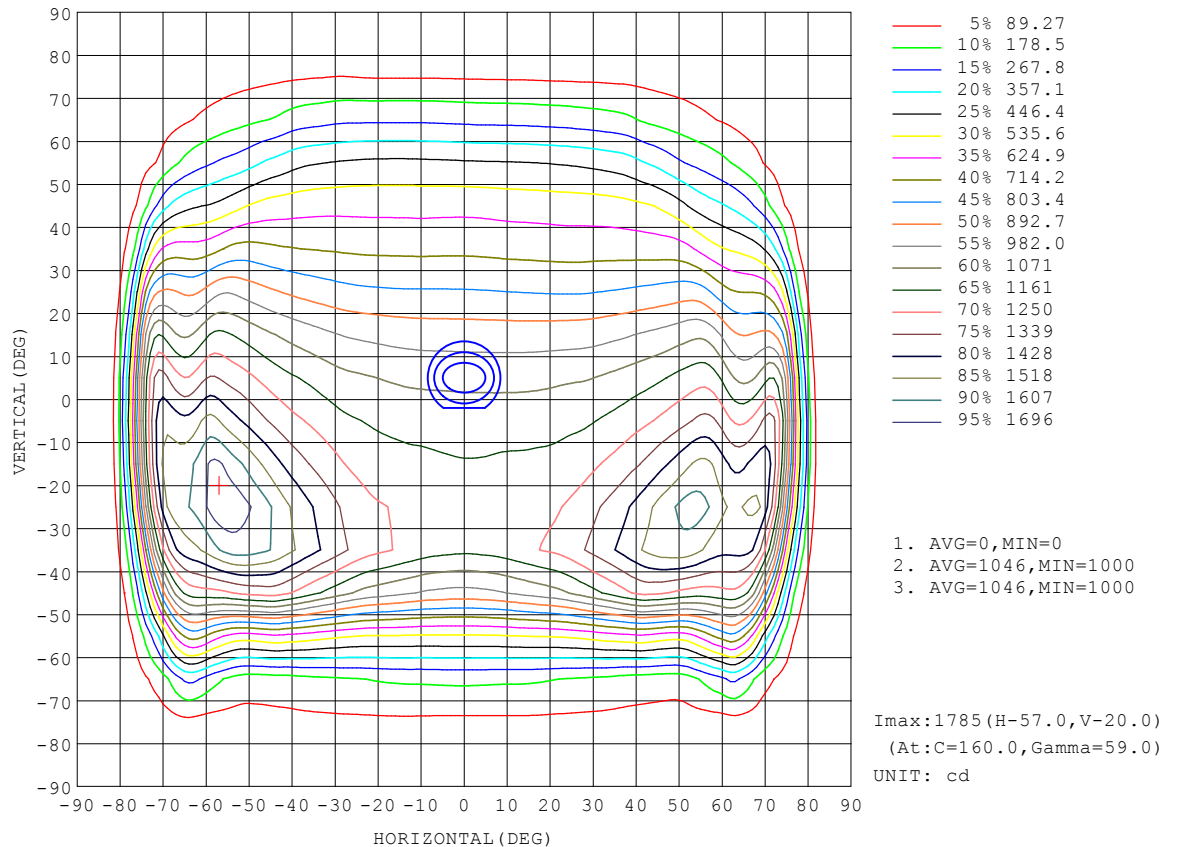
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Sigma$ lum,lamp
5	1090	1112	1121	1114	1093	1061	1046	1058	0- 5	26.02	26.02	0.64,0.64
10	1089	1134	1152	1140	1095	1030	1001	1026	5- 10	77.59	103.6	2.55,2.55
15	1089	1156	1166	1164	1099	999.0	939.8	992.3	10- 15	128.0	231.6	5.7,5.7
20	1095	1176	1181	1187	1111	954.8	878.9	944.2	15- 20	176.5	408.1	10,10
25	1105	1202	1196	1217	1127	907.4	810.0	890.9	20- 25	222.9	631.0	15.5,15.5
30	1117	1225	1211	1245	1149	856.5	741.1	834.8	25- 30	266.6	897.7	22.1,22.1
35	1143	1266	1181	1291	1186	800.8	694.8	776.8	30- 35	308.3	1206	29.7,29.7
40	1173	1325	1150	1352	1221	744.6	648.4	718.9	35- 40	348.3	1554	38.3,38.3
45	1204	1364	953.2	1381	1268	701.7	599.3	675.8	40- 45	383.2	1937	47.7,47.7
50	1247	1389	756.0	1392	1326	650.4	550.2	626.0	45- 50	405.1	2343	57.7,57.7
55	1285	1191	526.1	1172	1378	591.6	456.3	565.3	50- 55	411.6	2754	67.8,67.8
60	1222	948.3	296.1	912.6	1427	514.2	362.4	486.7	55- 60	393.0	3147	77.5,77.5
65	1122	474.6	198.9	469.9	1359	383.6	245.1	342.5	60- 65	335.0	3482	85.7,85.7
70	1260	154.5	101.8	162.4	1469	241.9	127.7	201.7	65- 70	264.4	3747	92.2,92.2
75	1022	86.89	70.33	93.58	1027	120.9	80.52	100.4	70- 75	195.9	3942	97,97
80	217.1	52.73	38.88	58.13	223.1	63.71	33.34	52.11	75- 80	94.26	4037	99.3,99.3
85	31.76	14.66	0	16.58	24.88	14.56	0	11.63	80- 85	23.50	4060	99.9,99.9
90	15.99	0	0	0	13.75	0	0	0	85- 90	3.094	4063	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-08-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.351  
 Humidity:65.0%  
 Test Distance:7.370m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

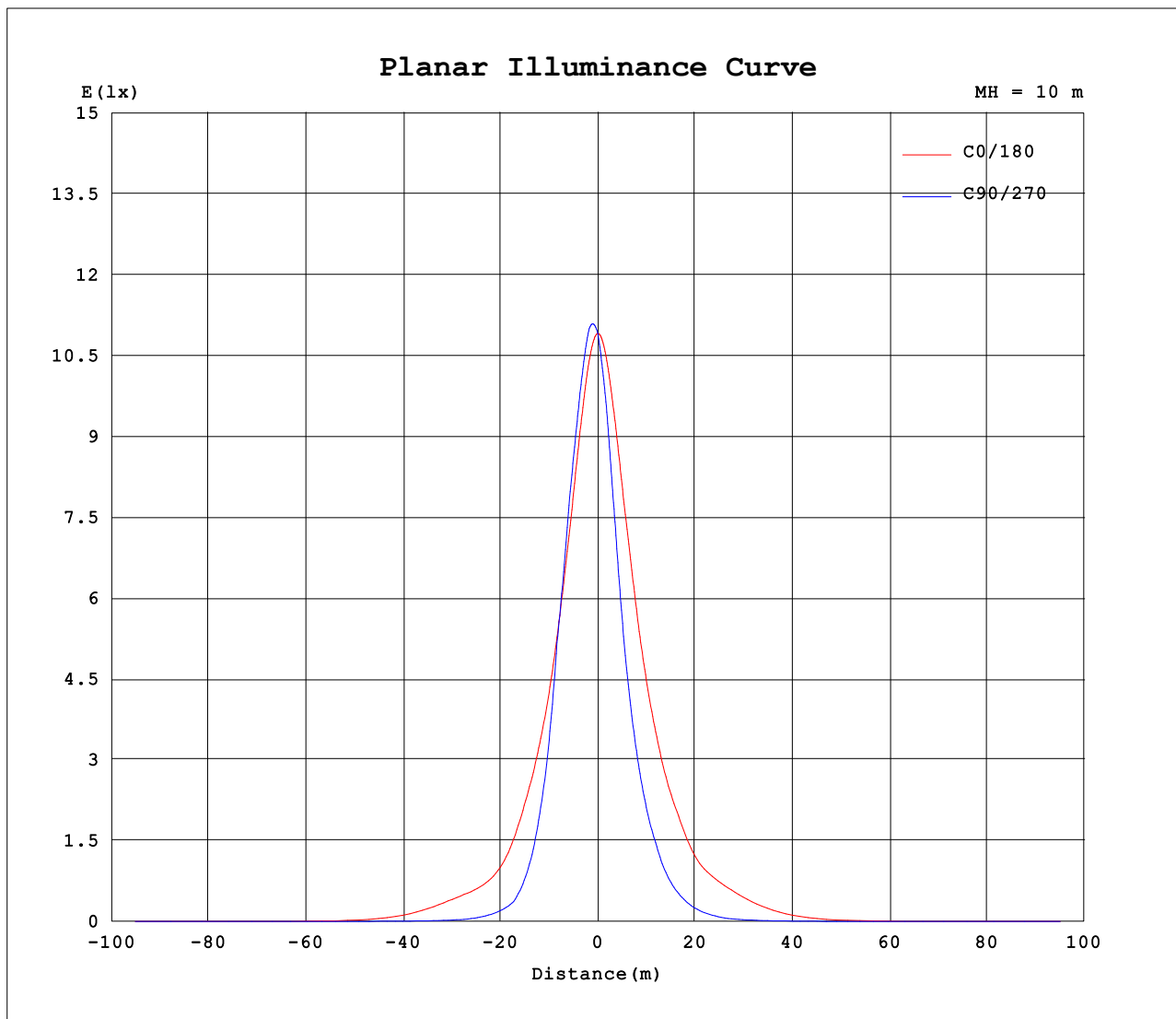
Test:U:220.8V I:0.1176A P:25.43W PF:0.9793 Lamp Flux:4063.27x1 lm		
NAME: OPCITYIII-25W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-08-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.351  
Humidity:65.0%  
Test Distance:7.370m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



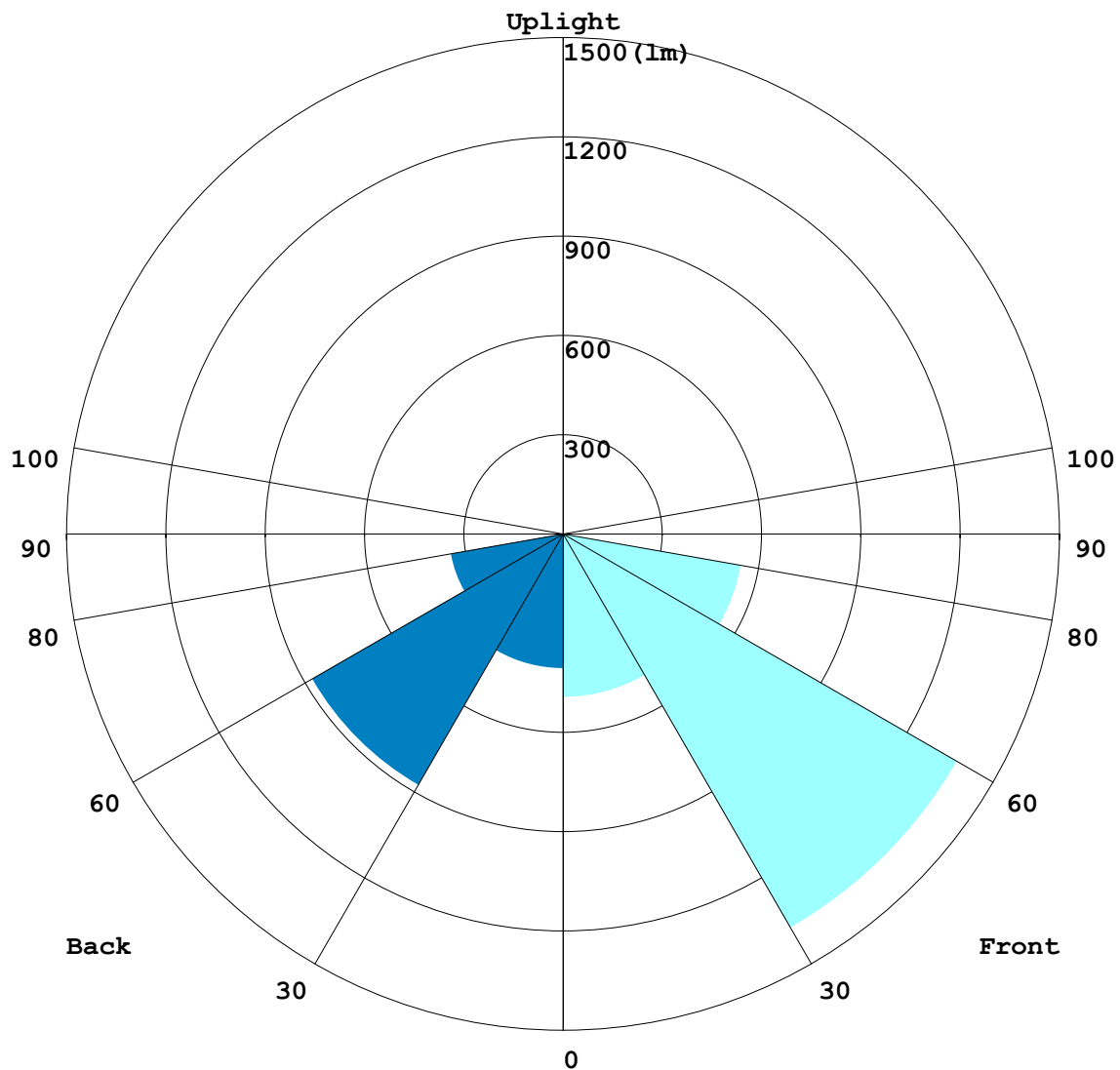
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2022-08-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.351  
Humidity: 65.0%  
Test Distance: 7.370m [K=1.0000]  
Remarks:

## LCS REPORT

Test:U:220.8V I:0.1176A P:25.43W PF:0.9793 Lamp Flux:4063.27x1 lm		
NAME: OPCITYIII-25W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

## LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-08-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.351  
Humidity:65.0%  
Test Distance:7.370m [K=1.0000]  
Remarks:

### BUG REPORT

Test:U:220.8V I:0.1176A P:25.43W PF:0.9793 Lamp Flux:4063.27x1 lm		
NAME: OPCITYIII-25W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

#### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	492.18	12.1
FM - Front-Medium(30-60)	1373.7	33.8
FH - Front-High(60-80)	545.5	13.4
FVH - Front-Very High(80-90)	16.085	0.4
Total Forward Light	2427.4	59.7

BL - Back-Low(0-30)	405.48	10.0
BM - Back-Medium(30-60)	875.87	21.6
BH - Back-High(60-80)	343.99	8.5
BVH - Back-Very High(80-90)	10.513	0.3
Total Back Light	1635.9	40.3

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B1-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1635.9	0	1635.9
Street Side	2427.4	0	2427.4

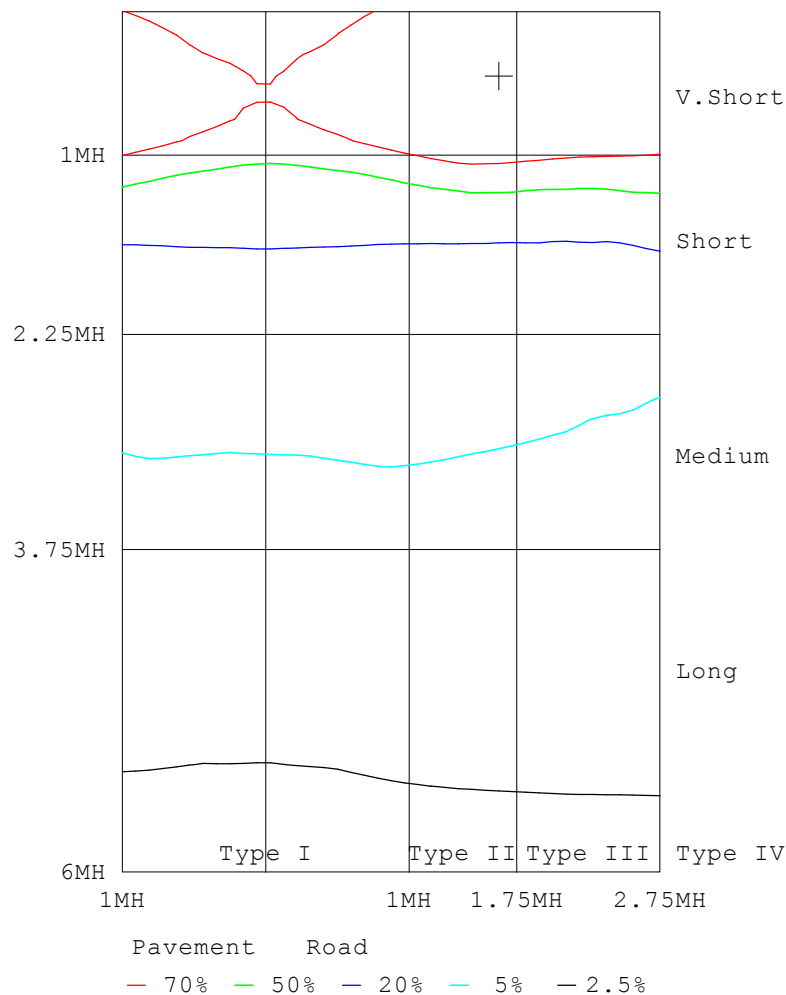
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-08-22

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.351  
Humidity:65.0%  
Test Distance:7.370m [K=1.0000]  
Remarks:

ROAD ISOCANDELA REPORT

Test:U:220.8V I:0.1176A P:25.43W PF:0.9793 Lamp Flux:4063.27x1 lm		
NAME: OPCITYIII-25W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-08-22

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.351  
Humidity:65.0%  
Test Distance:7.370m [K=1.0000]  
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```